

LPWAN WG

WG Chairs:

Alexander Pelov <a@ackl.io>

Pascal Thubert <pthubert@cisco.com>

AD: Suresh Krishnan

<suresh.krishnan@gmail.com>

Note Well

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Reminder:

Minutes are taken *

This meeting is recorded **

Presence is logged ***

- * Scribe; please contribute online to the minutes at: <http://etherpad.tools.ietf.org:9000/p/notes-ietf-99-lpwan>
- ** Recordings and Minutes are public and may be subject to discovery in the event of litigation.
- *** From the Webex login

Minute takers, jabber scribes



- Minutes
 - Etherpad: <http://etherpad.tools.ietf.org:9000/p/notes-ietf-99-lpwan?useMonospaceFont=true>
 - Minute takers volunteers?
- Remote participation
 - Meetecho: <http://www.meetecho.com/ietf99/lpwan>
 - Jabber: lpwan@jabber.ietf.org
 - Jabber scribe volunteers?
- Mailing list: lp-wan@ietf.org
 - To subscribe: <https://www.ietf.org/mailman/listinfo/lp-wan>
- Meeting materials: <https://datatracker.ietf.org/meeting/99/materials.html/#lpwan>

Agenda bashing (1/2)

09:30> Opening, agenda bashing (Chairs) [10min]

- Note-Well, Blue Sheets, Scribes, Agenda Bashing
- Milestones

09:40> LPWAN at the Hackathon (Dominique Barthel) [10min]

09:50> LPWAN Overview WGLC results and next steps (Stephen Farrel) [10min]

- <https://datatracker.ietf.org/doc/draft-ietf-lpwan-overview/>

10:00> Static Context Header Compression Fragmentation Header (Carles Gomez) [15min]

- <https://datatracker.ietf.org/doc/draft-ietf-lpwan-ipv6-static-context-hc/>

10:15> Static Context Header Compression for IPv6 (Ana Minaburo) [15min]

- <https://datatracker.ietf.org/doc/draft-ietf-lpwan-ipv6-static-context-hc/>

10:30> Static Context Header Compression for CoAP (Laurent Toutain) [15min]

- <https://datatracker.ietf.org/doc/draft-ietf-lpwan-coap-static-context-hc/>

10:45> Static Context Header Compression for ICMPv6 (Diego Dujovne) [10min]

- <https://datatracker.ietf.org/doc/draft-ietf-lpwan-icmpv6-static-context-hc/>

Agenda bashing (2/2)

10:55> YANG for SCHC (Laurent Toutain) [5min]

11:00> Rechartering items so far [25min]

- Items discussed on the mailing list and at interims (Ana)
- Open Discussion (lead by Chairs)

11:20> News from IEEE meeting (Bob Heile) [5min]

11:30> AOB [0min]

11:30> Adjourn

Status

WG formed October 14th

- Charter item #1 (Informational document)
 - Baseline technology description
- Charter item #2 (Standards track document)
 - Enable the compression and fragmentation of a CoAP/UDP/IPv6 packet over LPWA networks

Charter - Milestones

Milestones

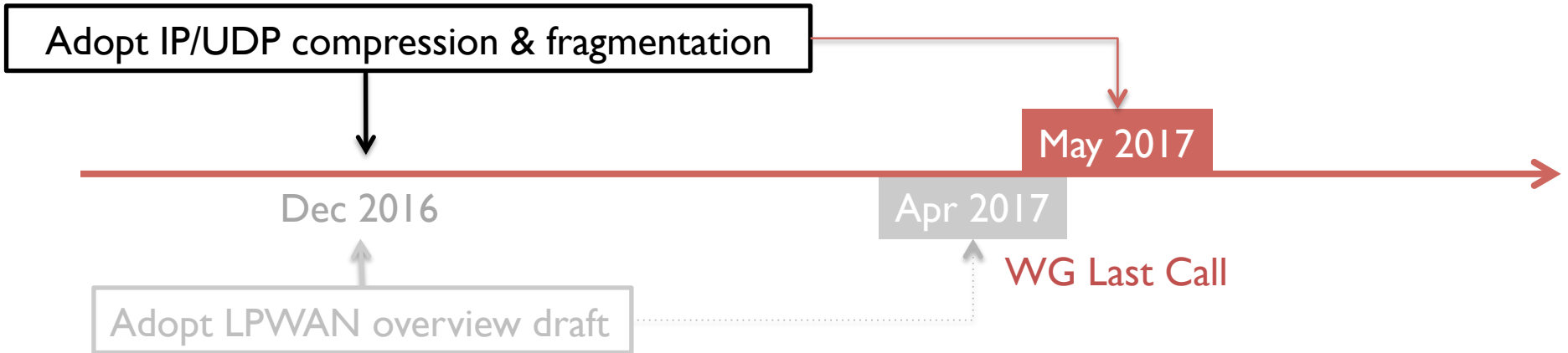
Date **↕** **Milestone**

Jul 2017	Submit CoAP compression mechanism to the IESG for publication as a Proposed Standard
May 2017	Submit IP/UDP compression and fragmentation mechanism to the IESG for publication as a Proposed Standard
Apr 2017	Submit LPWAN specification to the IESG for publication as an Informational Document
Done	Adopt CoAP compression mechanism as a WG item
Done	Adopt IP/UDP compression and fragmentation mechanism as a WG item
Done	Adopt LPWAN specifications as WG item

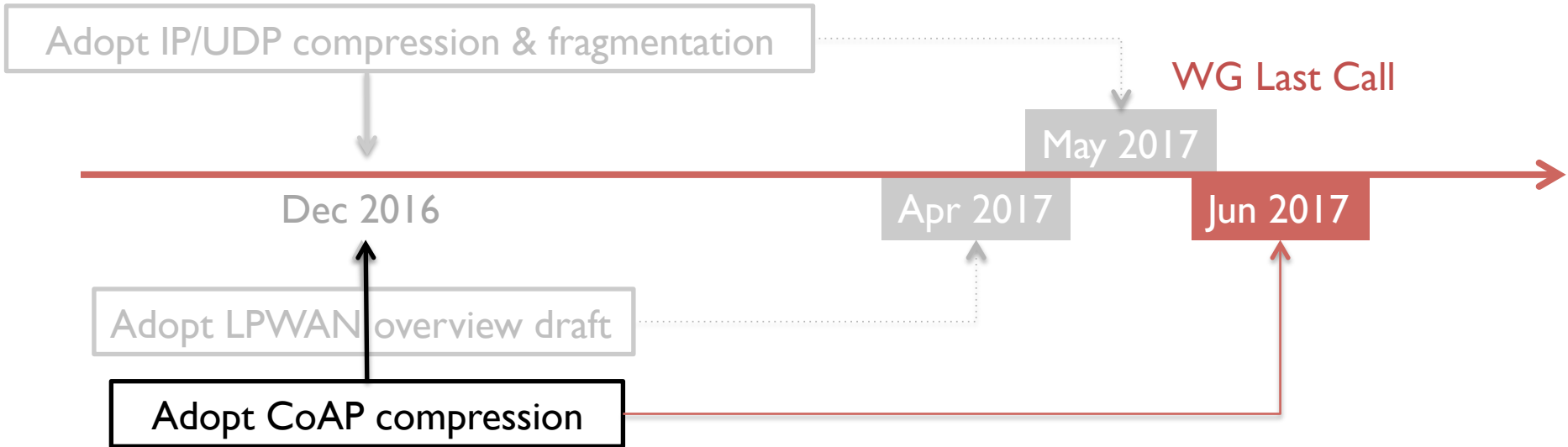
Milestones



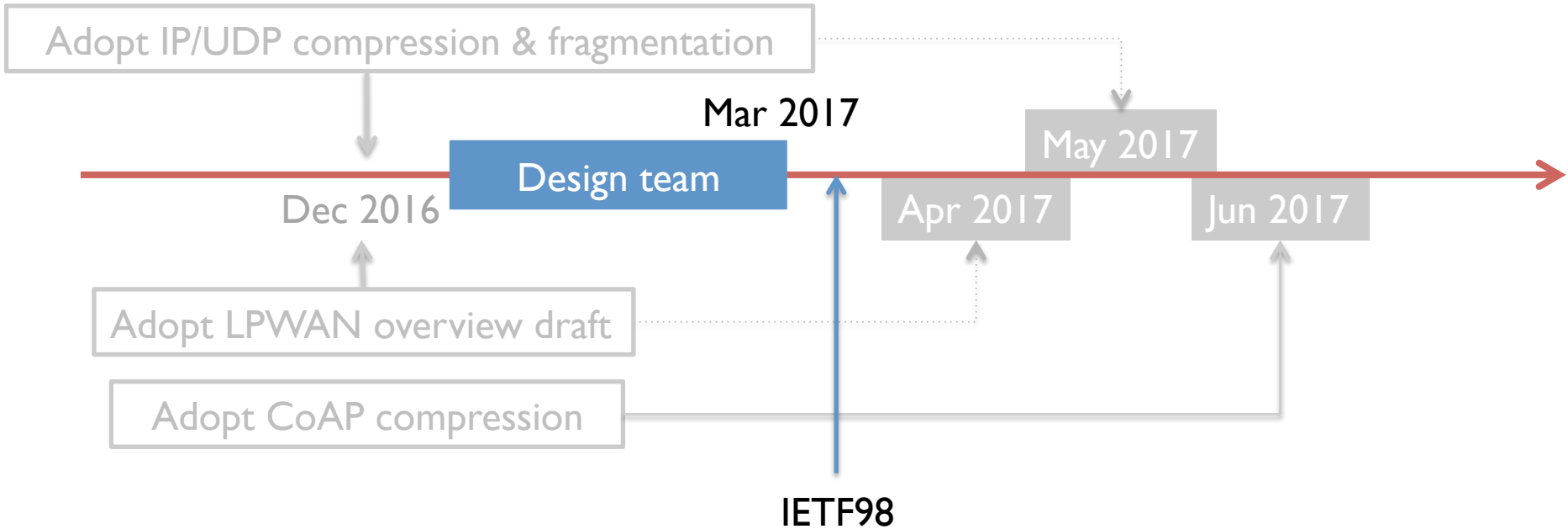
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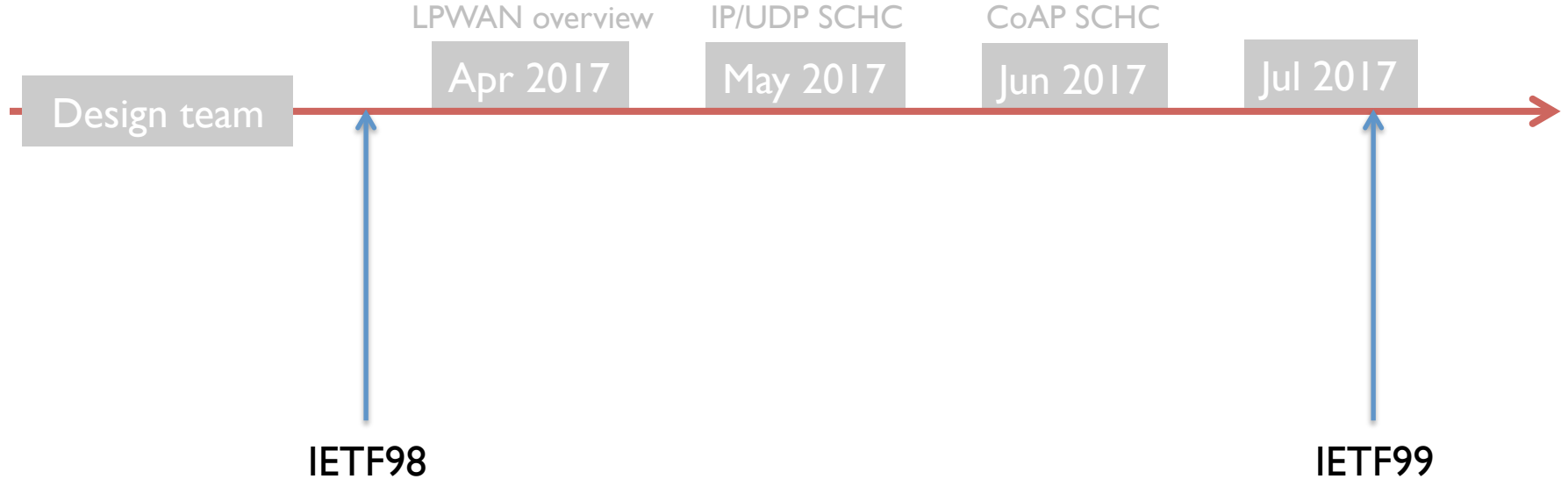
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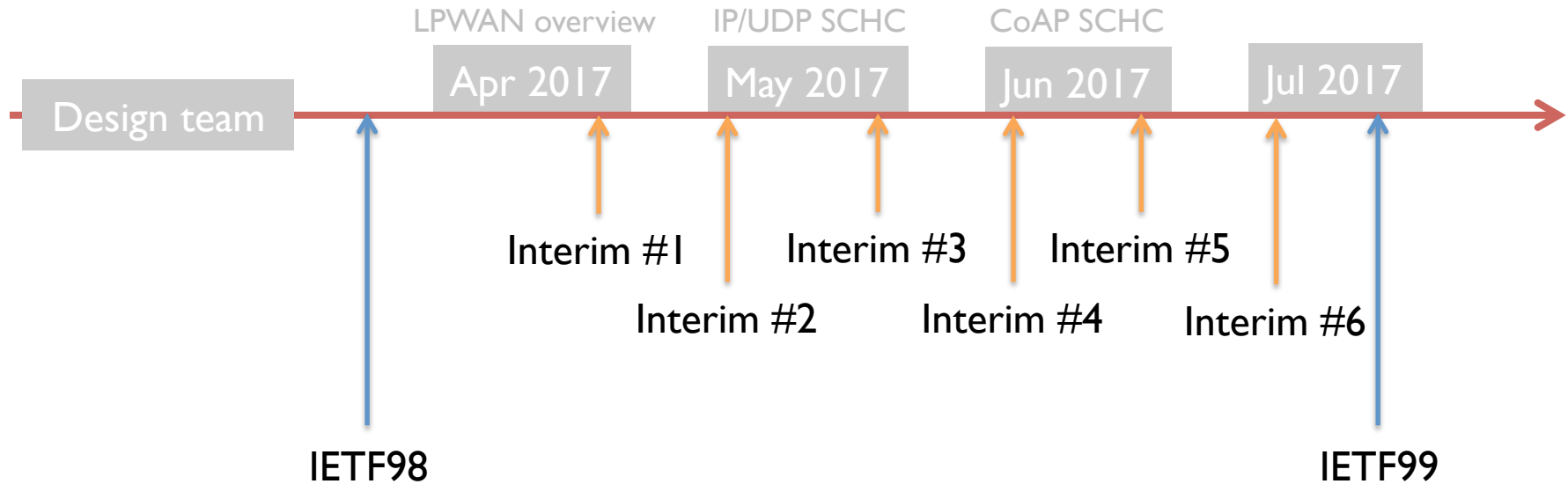
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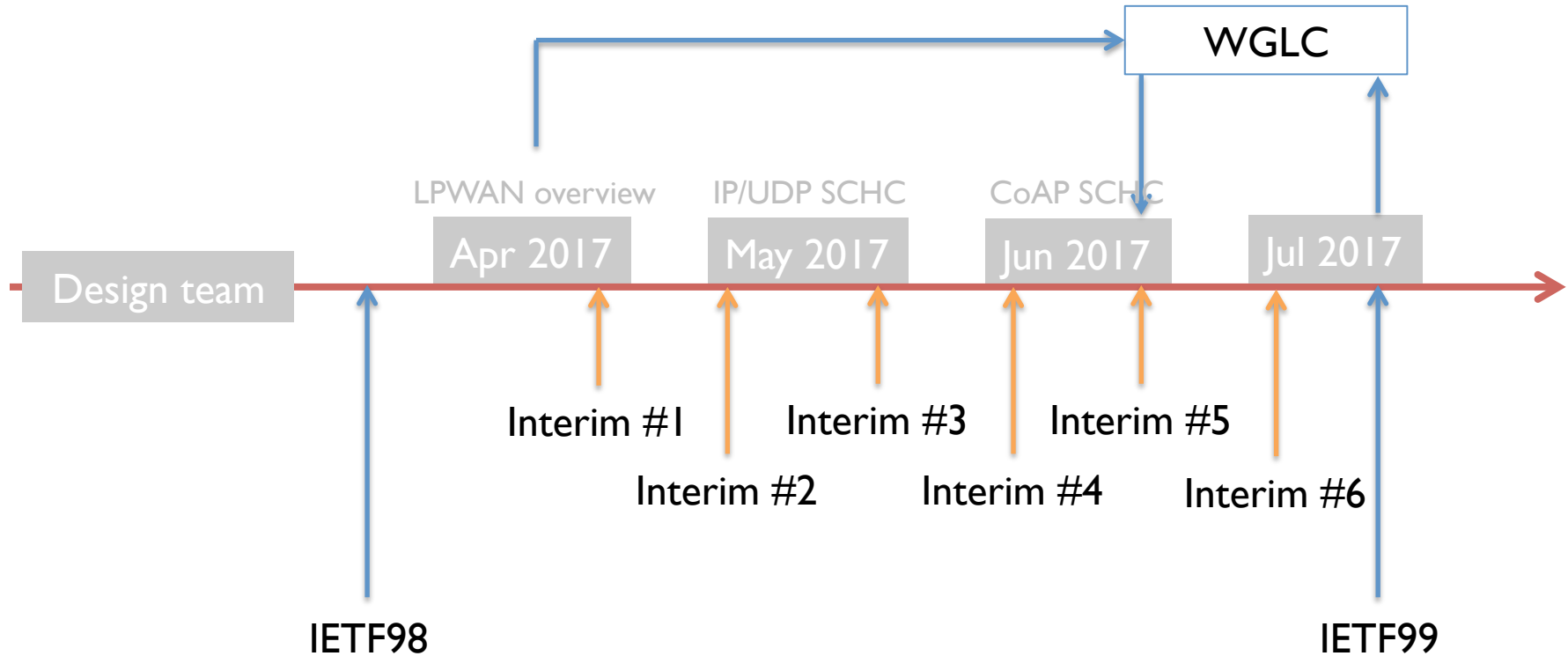
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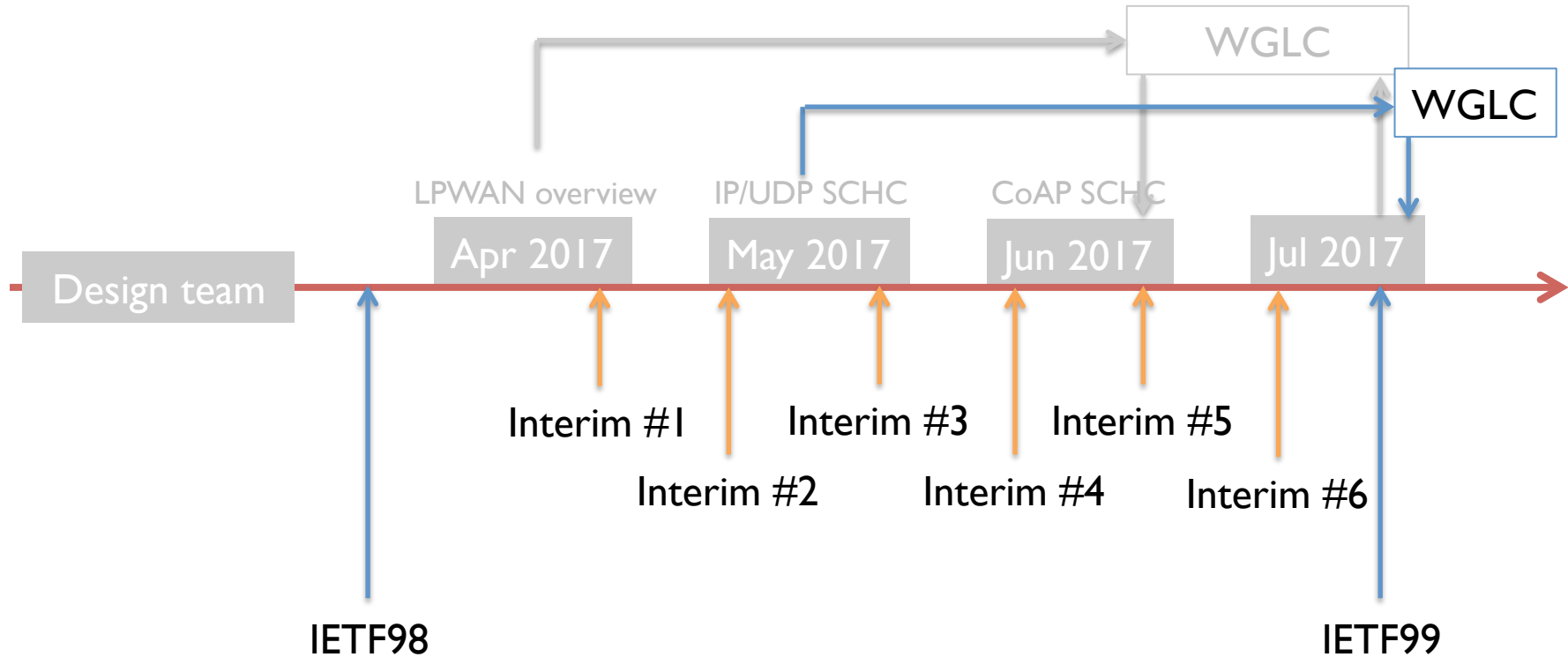
Milestones



Milestones



Milestones



YANG of THINGS (YoT)

Report

YoT

- IETF99 is the last without working YANG-based device/network management stack for IoT
- Use of YANG for data modeling + CoMI for constrained device/networks
 - Two distinct communities
 - Second meeting
- Interop and deployment – before IETF100 – ready for LPWAN



Photo: Jaime Jimenez